Oval shaped

d. Lighter Shroud Diameter Increase- Due to concerns with lighters drooping Unit 2's diameter was enlarged.

e. Scanner Opening- There is a possibility of relocating the scanner opening into the outer zone (vs inner) for flame scanner improvements. This would eliminate the large inner zone opening. Consequences however, for the scanners not functioning properly (in all cases) in the outer zone would be serious. Would require outage and field cutouts of holes in inner zone (fireside picks).

[4 days]

2. Air Distribution Testing Analysis (Baseline and Balancing)- A recommendation of a baseline and balancing air flow test is made to set shrouds during outage and backplates inside positions to equal air flow distribution.

3. Three Dimensional Analysis- This analysis is required to address air distribution problems associated with secondary air duct configurations. The analysis is a mathematical model from air heater outlet to furnace outlet. This item needs to be seriously considered. Still awaiting RJM report and final recommendations. Analysis could be conducted by either B&W or RJM. Note, this can also be justified in lieu on additional air flow monitoring instrumentation.

4. Ductwork Modifications- Air flow distribution problems can be corrected by straightening vanes, turning vanes, vortex breakers or other obstructions added to the ductwork. RJM would like to conduct a model to locate and size these items. B&W, however, states they can locate and install these without analysis (barnyard?).

5. Coal Pipe Restrictor Installation-
   a. Retesting Unit 2- Scheduled
   b. Modifying Unit 2 nozzles for Unit 1- In house or send out.
   c. Installation IPSC or Contractor- IPSC Maintenance doesn't want to do installation because it would slow them down on pulverizer overhauls.